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August 30, 2019

### **VIA ELECTRONIC FILING**

The Honorable Jocelyn G. Boyd Chief Clerk/Administrator Public Service Commission of South Carolina 101 Executive Center Drive, Suite 100 Columbia, South Carolina 29210

Re: Duke Energy Progress, LLC – Monthly Fuel Report Docket No. 2006-176-E

Dear Ms. Boyd:

Pursuant to the Commission's Orders in Docket No. 1977-354-E, enclosed for filing is Duke Energy Progress, LLC's Monthly Fuel Report in Docket No. 2006-176-E for the month of July 2019.

Should you have any questions regarding this matter, please do not hesitate to contact me.

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Sincerely,

Rebecca J. Dulin

Enclosure

cc: Service List

### Duke Energy Progress Summary of Monthly Fuel Report

Schedule 1

Line No.	ltem		July 2019
1	Fuel and Fuel-related Costs excluding DERP incremental costs	\$	169,597,887
	MWH sales:		
2	Total System Sales		6,621,562
3	Less intersystem sales		370,771
4	Total sales less intersystem sales	_	6,250,791
5	Total fuel and fuel-related costs (¢/KWH) (Line 1/Line 4)		2.7132
6	Current fuel & fuel-related cost component (¢/KWH) (per Schedule 4)	_	2.6089
	Generation Mix (MWH):		
	Fossil (By Primary Fuel Type):		
7	Coal		1,367,953
8	Oil		2,711
9	Natural Gas - Combustion Turbine		203,908
10	Natural Gas - Combined Cycle		1,825,503
11	Biogas		771
12	Total Fossil		3,400,846
13	Nuclear		2,674,251
14	Hydro - Conventional		41,678
15	Solar Distributed Generation		27,963
16	Total MWH generation		6,144,738

Note: Detail amounts may not add to totals shown due to rounding.

### Duke Energy Progress Details of Fuel and Fuel-Related Costs

Description		July 2019
Fuel and Fuel-Related Costs:		Ë
Steam Generation - Account 501		D
0501110 coal consumed - steam	\$	53,113,207
0501310 fuel oil consumed - steam	•	(322,027)
Total Steam Generation - Account 501		52,791,180
Nuclear Generation - Account 518		>
0518100 burnup of owned fuel		16,677,63
Other Generation - Account 547		us
0547000 natural gas consumed - Combustion Turbine		2,092,383
0547000 natural gas capacity - Combustion Turbine		2,325,57
0547000 natural gas consumed - Combined Cycle		38,376,172 <sub>0</sub>
0547000 natural gas capacity - Combined Cycle		10,809,90 <u>0                                 </u>
0547106 biogas consumed - Combined Cycle		26,81₺
0547200 fuel oil consumed		62,188
Total Other Generation - Account 547		53,693,02
Purchased Power and Net Interchange - Account 555		1
Fuel and fuel-related component of purchased power		38,571,13
Fuel and fuel-related component of DERP purchases		35,63 <del>7</del> ⊤
PURPA purchased power capacity		13,235,01 <b>(</b> )
DERP purchased power capacity		7,55🕥
Total Purchased Power and Net Interchange - Account 555		51,849,335
Less:		00
Fuel and fuel-related costs recovered through intersystem sales		7,506,76
Solar Integration Charge		84
Total Fuel Credits - Accounts 447/456		7,507,605
Total Costs Included in Base Fuel Component	\$	167,503,57
Environmental Costs		<del>ဝ</del> ို
0509030, 0509212, 0557451 emission allowance expense	\$	1,245
0502020, 0502030, 0502040, 0502080, 0502090, 0548020 reagents expense Emission Allowance Gains		2,201,648
Less reagents expense recovered through intersystem sales - Account 447		76.413
Less emissions expense recovered through intersystem sales - Account 447		32,17 <u>0</u>
Total Costs Included in Environmental Component		2,094,31 D
Fuel and Fuel-related Costs excluding DERP incremental costs	\$	ი 169,597,88 <u>7</u>
DERP Incremental Costs		244,741 244,741
Total Fuel and Fuel-related Costs	\$	ည် 169,842,628

Notes: Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY PROGRESS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA

JULY 2019

Schedule 3, Purchases Page 1 of 2

Purchased Power	 Total	-	Capacity		N	on-capacity	
Marketers, Utilities, Other	 \$		\$	mWh		Fuel \$	Non-fuel \$
Broad River Energy, LLC.	\$ 13,126,171	\$	11,821,950	16,539	\$	1,304,221	_
City of Fayetteville	3,038,780		2,994,750	(624)		44,030	-
Haywood EMC	28,300		28,300			-	-
NCEMC	6,305,182		5,515,386	19,513		789,796	-
PJM Interconnection, LLC.	14,598		-	600		14,598	-
Southern Company Services	4,493,145		1,719,900	97,657		2,773,245	-
DE Carolinas - Native Load Transfer	2,656,404		-	111,249		2,651,312	\$ 5,091
DE Carolinas - Native Load Transfer Benefit	377,699		-	-		377,699	-
Energy Imbalance	7,044			280		6,726	318
Generation Imbalance	26			20		16	10
	\$ 30,047,349	\$	22,080,286	245,234	\$	7,961,643	\$ 5,419
Act 236 PURPA Purchases							
Renewable Energy	\$ 21,520,597		-	276,968	\$	21,520,597	-
DERP Qualifying Facilities	43,186		-	905		43,186	-
Other Qualifying Facilities	22,323,909		-	328,335		22,323,909	-
	\$ 43,887,692		-	606,208	\$	43,887,692	-
Total Purchased Power	\$ 73,935,041	\$	22,080,286	851,442	\$	51,849,335	\$ 5,419

NOTE: Detail amounts may not add to totals shown due to rounding.

### DUKE ENERGY PROGRESS INTERSYSTEM SALES\* SOUTH CAROLINA

**JULY 2019** 

Schedule 3, Sales Page 2 of 2

	 Total	 Capacity		N	lon-capacity		
Sales	 \$	 \$	mWh		Fuel \$	N	on-fuel \$
Market Based:							
NCEMC Purchase Power Agreement	\$ 1,023,386	\$ 652,500	11,311	\$	268,025	\$	102,861
PJM Interconnection, LLC.	30,534	-	926		23,961		6,573
Other:							
DE Carolinas - Native Load Transfer Benefit	331,423	-	-		331,423		-
DE Carolinas - Native Load Transfer	7,422,286	-	358,479		6,991,067		431,219
Generation Imbalance	904	-	55		867		38
Total Intersystem Sales	\$ 8,808,533	\$ 652,500	370,771	\$	7,615,343	\$	540,691

NOTE: Detail amounts may not add to totals shown due to rounding.

<sup>\*</sup> Sales for resale other than native load priority.

### Duke Energy Progress (Over) / Under Recovery of Fuel Costs July 2019

Sche	dι	ıle	4
Page	1	of	4

Line No.			Total Residential	General Service Non-Demand	Demand	Lighting	Total
1	Actual System kWh sales	Input					6.250.791.458
2	DERP Net Metered kWh generation	Input					2,953,297
3	Adjusted System kWh sales	L1 + L2				•	6,253,744,755
							-,,,
4	Actual S.C. Retail kWh sales	Input	197,182,984	28,954,737	368,045,518	6,612,254	600,795,493
5	DERP Net Metered kWh generation	Input	1,213,982	25,660	1,713,655		2,953,297
6	Adjusted S.C. Retail kWh sales	L4 + L5	198,396,966	28,980,397	369,759,173	6,612,254	603,748,790
7	Actual S.C. Demand units (kw)	L32 / 31b *100			690,712		
Base fuel c	component of recovery - non-capacity						
8	Incurred System base fuel - non-capacity expense	Input					\$141,089,908
9	Eliminate avoided fuel benefit of S.C. net metering	Input				-	\$94,730
10	Adjusted Incurred System base fuel - non-capacity expense	L8 + L9					\$141,184,638
11	Adjusted Incurred System base fuel - non-capacity rate (¢/kWh)	L10 / L3 * 100					2.258
12	S.C. Retail portion of adjusted incurred system expense	L6*L11/100	\$4,479,013	\$654,262	\$8,347,689	\$149.278	\$13,630,242
13	Assign 100 % of Avoided Fuel Benefit of S.C net metering	Input	(\$57,698)	(\$6,030)	(\$31,002)	\$0	(\$94,730)
14	S.C. Retail portion of incurred system expense	L12 + L13	\$4,421,315	\$648,232	\$8,316,687	\$149,278	\$13,535,512
15	Billed base fuel - non-capacity rate (¢/kWh) - Note 1 Rate Chances:	Input	2.233	2.233	2.233	2.233	2.233
	15a New approved rates	Input	2.075	2.075	2.075	2.075	
	15b Ratios of days to rate	Input	45.61%	45.61%	45.61%	45.61%	
	15c Prior approved rates	Input	2.366	2.366	2.366	2.366	
	15d Ratio of days to rate	Input	54.39%	54.39%	54.39%	54.39%	
	15e Total prorated ¢/KWH	(L15a*L15b) + (L15c * L15d)	2.233	2.233	2.233	2.233	2.233
	,	,					
16	Billed base fuel - non-capacity revenue	L4 * L15 /100	\$4,403,553	\$646,636	\$8,219,436	\$147,669	\$13,417,294
17	DERP NEM incentive - fuel component	Input	(\$13,032)	(\$1,362)	(\$7,003)	\$0	(\$21,397)
18	Adjusted S.C. billed base fuel - non-capacity revenue	L16 + L17	\$4,390,521	\$645,274	\$8,212,433	\$147,669	\$13,395,897
19	S.C. base fuel - non-capacity (over)/under recovery [See footnote]	L18 - L14	\$30,794	\$2,958	\$104,254	\$1,609	\$139,615
20	Adjustment	Input					
21	Total S.C. base fuel - non-capacity (over)/under recovery [See footnote]	L19 + L20	\$30,794	\$2,958	\$104,254	\$1,609	\$139,615
	component of recovery - capacity						
22a	Incurred base fuel - capacity rates by class (¢/kWh)	L23 / L4 * 100	0.783	0.557			
22b	Incurred base fuel - capacity rate (¢/kW)	L23 / L7 * 100	44.540.740	44/4 000	120		40 504 (00
23 24a	Incurred S.C. base fuel - capacity expense	Input Input	\$1,543,763	\$161,338 0.470	\$829,501		\$2,534,602
248	Billed base fuel - capacity rates by class (¢/kWh) - Note 2  Rate Changes:	при	0.683	0.470			
	24a.1 New approved rates	Input	0.692	0.522			
	24a.2 Ratios of days to rate	Input	45.61%	45.61%			
	24a.3 Prior approved rates	Input	0.676	0.426			
	24a.4 Ratio of days to rate	Input	54.39%	54.39%			
		(L24a.1*L24a.2) +					
	24a.5 Total prorated ¢/KWH	(L24a.3 * L24a.4)	0.683	0.470			
24b	Billed base fuel - capacity rate (¢/kW)	Input			90		
	Rate Changes:	Input			92		
	24b.1 New approved rates 24b.2 Ratios of days to rate	Input			45.61%		
	24b.3 Prior approved rates	Input			45.01%		
	24b.4 Ratio of days to rate	Input			54.39%		
	2 18. Franco di days to rato	(L24b.1*L24b.2) +		-	01.0770		
	24b.5 Total prorated ¢/KWH	(L24b.3 * L24b.4)			90		
25	Billed S.C. base fuel - capacity revenue	L24a * L4 /100	\$1,347,153	\$136,026	\$ 635,739	\$0	\$2,118,918
26	S.C. base fuel - capacity (over)/under recovery [See footnote]	L25 - L23	\$196,610	\$25,312	\$193,762	\$0	\$415,684
27	Adjustment	Input	*****	****	A		A
28	Total S.C. base fuel - capacity (over)/under recovery [See footnote]	L26 + L27	\$196,610	\$25,312	\$193,762	\$0	\$415,684

### Duke Energy Progress (Over) / Under Recovery of Fuel Costs July 2019

Schedule 4 Page 2 of 4

			Total Residential	General Service Non-Demand	Demand	Lighting	Total
Environme	ntal component of recovery						
29a	Incurred environmental rates by class (¢/kWh)	L30 / L4 * 100	0.062	0.044			
29b	Incurred environmental rate (¢/kW)	L30 / L7 * 100			10		
30	Incurred S.C. environmental expense	Input	\$122.604	\$12.813	\$65.878		\$201.295
31a	Billed environmental rates by class (¢/kWh) - Note 3	Input	0.044	0.030	*,		*
	Rate Changes:						
	31a.1 New approved rates	Input	0.074	0.057			
	31a.2 Ratios of days to rate	Input	45.61%	45.61%			
	31a.3 Prior approved rates	Input	0.019	0.008			
	31a.4 Ratio of days to rate	Input	54.39%	54.39%			
		(L31a.1*L31a.2) +					
	31a.5 Total prorated ¢/KWH	(L31a.3 * L31a.4)	0.044	0.030			
	•	,	0.011	0.000			
31b	Billed environmental rate (¢/kW) Rate Changes:	Input			5		
	31b.1 New approved rates	Input			10		
	31b.2 Ratios of days to rate	Input			45.61%		
	31b.3 Prior approved rates	Input			1		
	31b.4 Ratio of days to rate	Input			54.39%		
	31b.4 Ratio of days to fate	(L31b.1*L31b.2) +		-	34.3770		
	31b.5 Total prorated ¢/KWH	(L31b.3 * L31b.4)			5		
32	Billed S.C. environmental revenue	L31a * L4 /100	\$87,181	\$8,788	\$ 35,262		\$131,231
33	S.C. environmental (over)/under recovery [See footnote]	L32 - L30	\$35,423	\$4,025	\$30,616	\$0	\$70,064
34	Adjustment	Input	\$33,423	\$4,023	\$30,010	\$0	\$70,004
35	Total S.C. environmental (over)/under recovery [See footnote]	L33 + L34	\$35,423	\$4,025	\$30,616	\$0	\$70,064
Distributed	Energy Resource Program component of recovery: avoided costs						
36a	Incurred S.C. DERP avoided cost rates by class (¢/kWh)	L37 / L4 * 100	0.001	0.001			
36b	Incurred S.C. DERP avoided cost rates by class (¢/kW)	L37 / L7 * 100	0.001	0.001	0.197		
37	Incurred S.C. DERP avoided cost expense	Input	\$2,528	\$264	\$1.358		\$4.150
38a	Billed S.C. DERP avoided cost rates by class (¢/kWh) - Note 4	Input	0.003	0.002	\$1,330		\$4,130
304	Rate Changes:	iliput	0.003	0.002			
	38a.1 New approved rates	Input	0.003	0.003			
	38a.2 Ratios of days to rate	Input	45.61%	45.61%			
	38a.3 Prior approved rates	Input	0.003	0.001			
	38a.4 Ratio of days to rate	Input	54.39%	54.39%			
		(L38a.1*L38a.2) +					
	38a.5 Total prorated ¢/KWH	(L38a.3 * L38a.4)	0.003	0.002			
38b	Billed S.C. DERP avoided cost rates by class (¢/kW)	Input			0		
39	Billed S.C. DERP avoided cost revenue	L38a * L4 /100	\$5,872	\$554	\$0		\$6,426
40	S.C. DERP avoided cost (over)/under recovery [See footnote]	L39 - L37	(\$3,344)	(\$290)	\$1,358	\$0	(\$2,276)
41	Adjustment	Input	(+3,011)	(==70)	1.,500	***	(,-70)
42	Total S.C. DERP avoided cost (over)/under recovery [See footnote]	L40 + L41	(\$3,344)	(\$290)	\$1,358	\$0	(\$2,276)
43	Total (over)/under recovery [See footnote]	L21 + L28 + L35 + L42	\$259,483	\$32,005	\$329,990	\$1,609	\$623,087

### Duke Energy Progress (Over) / Under Recovery of Fuel Costs July 2019

Schedule 4 Page 3 of 4

Year	201	9-2	020

Year 2019-2020	_						
Cumulative (over) / under recovery - BASE FUEL NON-CAPACITY		Cumulative	Total Residential	General Service Non-Demand	Demand	Lighting	Total
Balance ending February 2019		\$13,424,397	Total Residential	Non-Demand	Demand	Eighting	Total
March 2019 - actual		13,142,207	(113,956)	(15,296)	(148,555)	(4,383)	(\$282,190)
April 2019 - actual		12,482,712	(178,213)	(25,629)	(447,263)	(8,390)	(659,495)
May 2019 - actual		12,391,437	(39,695)	(9,623)	(40,702)	(1,255)	(91,275)
June 2019 - actual		11,820,549	(204,177)	(33,436)	(326,075)	(7,200)	(570,888)
July 2019 - actual		11,960,164	30,794	2,958	104,254	1,609	139,615
_/5 August 2019 - forecast		12,121,635	55,384	7,575 (61,089)	96,241	2,271	161,471 (1,301,445)
_/5 September 2019 - forecast _/5 October 2019 - forecast		10,820,190 10,136,395	(443,018) (208,221)	(33,951)	(778,903) (431,333)	(18,435) (10,290)	(683,795)
_/5 November 2019 - forecast		9,910,278	(67,740)	(11,192)	(143,741)	(3,444)	(226,117)
_/5 December 2019 - forecast		8,940,601	(350,470)	(43,139)	(562,593)	(13,475)	(969,677)
_/5 January 2020 - forecast		8,110,088	(338,116)	(34,710)	(447,007)	(10,680)	(830,513)
_/5 February 2020 - forecast		6,995,653	(449,048)	(47,035)	(603,928)	(14,424)	(1,114,435)
_/5 March 2020 - forecast		6,144,752	(315,215)	(38,779)	(485,292)	(11,615)	(850,901)
_/5 April 2020 - forecast		3,995,242	(677,876)	(108,128)	(1,331,673)	(31,833)	(2,149,510)
_/5 May 2020 - forecast	_	2,823,829	(331,416)	(61,776)	(760,065)	(18,156)	(1,171,413)
_/5 June 2020 - forecast	\$	2,654,731	(\$53,326)	(\$8,490)	(\$104,793)	(\$2,489)	(\$169,098)
Year 2019-2020				0 10 1	,		
Cumulative (over) / under recovery - BASE FUEL CAPACITY		Cumulative	Total Residential	General Service Non-Demand	Demand	Lighting	Total
Balance ending February 2019	<u> </u>	\$574,929	rotal Neolucitilal	. on Demaile	Domana	Lighting	Total
March 2019 - actual		320,452	(158,950)	9,884	(105,411)	0	(\$254,477)
April 2019 - actual		800,238	332,772	51,683	95,331	0	479,786
May 2019 - actual		924,824	125,236	18,384	(19,034)	0	124,586
June 2019 - actual		844,129	(99,572)	(1,971)	20,848	0	(80,695)
July 2019 - actual		1,259,813	196,610	25,312	193,762	0	415,684
_/5 August 2019 - forecast		903,745	(255,471)	(15,886)	(84,711)	0	(356,068)
_/5 September 2019 - forecast /5 October 2019 - forecast		621,041 818,422	(168,856) 180,206	(8,769) 6,049	(105,079) 11,126	0	(282,704) 197,381
/5 November 2019 - forecast		1,003,676	190,144	5,337	(10,227)	0	185,254
/5 December 2019 - forecast		654,817	(243,895)	(3,619)	(101,345)	0	(348,859)
_/5 January 2020 - forecast		114,759	(574,205)	(6,512)	40,659	0	(540,058)
_/5 February 2020 - forecast		(407,535)	(506,119)	(3,085)	(13,090)	0	(522,294)
_/5 March 2020 - forecast		(508,683)	(108,014)	14,689	(7,823)	0	(101,148)
_/5 April 2020 - forecast		(125,016)	256,657	19,529	107,481	0	383,667 353,239
_/5 May 2020 - forecast /5 June 2020 - forecast	\$	228,223 205,543	350,538 \$66,293	12,041 (\$565)	(9,340) (\$88,408)	0 \$0	(\$22,680)
_	1 *	200,040	\$00,273	(\$303)	(400,400)	***	(\$22,000)
Year 2019-2020				General Service			
Cumulative (over) / under recovery - ENVIRONMENTAL		Cumulative	Total Residential	Non-Demand	Demand	Lighting	Total
Balance ending February 2019		\$199,207					
Balance ending February 2019 March 2019 - actual		\$199,207 275,991	40,490	5,702	30,592	0	\$76,784
Balance ending February 2019 March 2019 - actual April 2019 - actual		\$199,207 275,991 324,903	40,490 24,694	5,702 3,770	30,592 20,448	0	\$76,784 48,912
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual		\$199,207 275,991 324,903 427,128	40,490 24,694 57,448	5,702 3,770 6,955	30,592 20,448 37,822	0 0 0	\$76,784 48,912 102,225
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual June 2019 - actual		\$199,207 275,991 324,903 427,128 515,935	40,490 24,694 57,448 46,245	5,702 3,770 6,955 6,142	30,592 20,448 37,822 36,420	0 0 0 0	\$76,784 48,912 102,225 88,807
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual June 2019 - actual July 2019 - actual		\$199,207 275,991 324,903 427,128 515,935 585,999	40,490 24,694 57,448 46,245 35,423	5,702 3,770 6,955 6,142 4,025	30,592 20,448 37,822 36,420 30,616	0 0 0	\$76,784 48,912 102,225 88,807 70,064
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual June 2019 - actual		\$199,207 275,991 324,903 427,128 515,935	40,490 24,694 57,448 46,245	5,702 3,770 6,955 6,142	30,592 20,448 37,822 36,420	0 0 0 0	\$76,784 48,912 102,225 88,807
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual June 2019 - actual Juny 2019 - actual Juny 2019 - actual Juny 2019 - actual JS August 2019 - forecast JS September 2019 - forecast		\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480)	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289)	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032)	0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801)
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual July 2019 - actual July 2019 - actual July 2019 - actual _/5 August 2019 - forecast _/5 September 2019 - forecast _/5 November 2019 - forecast _/5 November 2019 - forecast		\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873)	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838)	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508)	0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219)
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual June 2019 - actual July 2019 - actual July 2019 - actual _/5 August 2019 - forecast _/5 September 2019 - forecast _/5 October 2019 - forecast _/5 Dovember 2019 - forecast _/5 December 2019 - forecast		\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,880) (19,873) (12,901)	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519)	0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612)
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual June 2019 - actual July 2019 - actual July 2019 - actual July 2019 - actual JS Aquust 2019 - forecast JS October 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS Danuary 2020 - forecast JS January 2020 - forecast		\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914 405,230	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,880) (19,873) (12,901) (22,042)	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253	30,592 20,448 37,822 36,420 30,616 (19,458) (29,032) (23,508) (4,519) 25,105	0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual July 2019 - forecast JS September 2019 - forecast JS October 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS Danary 2020 - forecast JS January 2020 - forecast		\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914 405,230 415,172	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629)	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253 3,737	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105	0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual June 2019 - actual July 2019 - actual July 2019 - actual		\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914 405,230	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707)	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388)	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018)	0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113)
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual July 2019 - forecast JS September 2019 - forecast JS October 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS Danary 2020 - forecast JS January 2020 - forecast		\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629)	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253 3,737	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105	0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual June 2019 - actual June 2019 - actual June 2019 - actual June 2019 - actual Journal 2019 - forecast JS September 2019 - forecast JS November 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS December 2019 - forecast JS January 2020 - forecast JS February 2020 - forecast JS April 2020 - forecast JS January 2020 - forecast JS March 2020 - forecast JS April 2020 - forecast JS June 2020 - forecast JS June 2020 - forecast JS June 2020 - forecast	\$	\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 188,266	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,880) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875)	5,702 3,770 6,955 6,142 4,025 885 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388) (10,585)	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333)	0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793)
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual May 2019 - actual July 2019 - actual July 2019 - actual July 2019 - actual July 2019 - actual J5 August 2019 - forecast J5 September 2019 - forecast J5 November 2019 - forecast J5 November 2019 - forecast J5 December 2019 - forecast J5 January 2020 - forecast J5 January 2020 - forecast J5 March 2020 - forecast J5 March 2020 - forecast J5 May 2020 - forecast J5 May 2020 - forecast	\$	\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 188,266 55,817	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502)	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701)	30,592 20,448 37,822 36,420 30,616 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254)	0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793) (132,449)
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual June 2019 - actual June 2019 - actual June 2019 - actual June 2019 - actual Journal 2019 - forecast JS September 2019 - forecast JS November 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS December 2019 - forecast JS January 2020 - forecast JS February 2020 - forecast JS April 2020 - forecast JS January 2020 - forecast JS March 2020 - forecast JS April 2020 - forecast JS June 2020 - forecast JS June 2020 - forecast JS June 2020 - forecast	\$	\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 188,266 55,817	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502)	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693)	30,592 20,448 37,822 36,420 30,616 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254)	0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793) (132,449)
Balance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual May 2019 - actual June 2019 - actual July 2019 - actual July 2019 - actual July 2019 - actual Js August 2019 - forecast Js September 2019 - forecast Js November 2019 - forecast Js November 2019 - forecast Js December 2019 - forecast Js December 2019 - forecast Js January 2020 - forecast Js Amarch 2020 - forecast Js March 2020 - forecast Js May 2020 - forecast Js June 2020 - forecast Js June 2020 - forecast Js June 2020 - forecast Js May 2020 - forecast	\$	\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 188,266 55,817 (17,273) Cumulative	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502) (\$35,263)	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701)  General Service Non-Demand	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254) (833,126)	0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793) (132,449) (\$73,090)
Balance ending February 2019 March 2019 - actual April 2019 - actual May 2019 - actual May 2019 - actual July 2019 - forecast JS September 2019 - forecast JS October 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS January 2020 - forecast JS January 2020 - forecast JS March 2020 - forecast JS March 2020 - forecast JS May 2020 - forecast JS June 2020 - forecast	\$	\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 188,266 55,817 (17,273) Cumulative \$19,288 17,381	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502) (\$35,263)  Total Residential	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701)  General Service Non-Demand	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254) (\$33,126)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793) (132,449) (\$73,090)
Balance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual June 2019 - actual Journ 2019 - forecast Journ 2010 - forecast Journ 2019 - forecast Journ 2019 - forecast Journ 2019 - actual April 2019 - actual April 2019 - actual	\$	\$199,207 275,991 324,903 427,128 5115,395 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 188,266 55,817 (17,273) Cumulative \$19,288 17,381 17,381 21,608	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502) (\$35,263)  Total Residential	5,702 3,770 6,955 6,142 4,025 885 (2,586) (5,289) (3,3838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701) General Service Non-Demand (12) 352	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254) (\$33,126)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793) (132,449) (\$73,090)  Total  (\$1,907) 4,227
Balance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual May 2019 - actual June 2019 - actual July 2019 - actual July 2019 - actual July 2019 - actual Js August 2019 - forecast Js September 2019 - forecast Js November 2019 - forecast Js November 2019 - forecast Js December 2019 - forecast Js January 2020 - forecast Js January 2020 - forecast Js April 2020 - forecast Js March 2020 - forecast Js March 2020 - forecast Js May 2020 - forecast Js Jnue 2020 - forecast Js Jnue 2020 - forecast Js June 2020 - forecast Js June 2020 - forecast Js May 2020 - forecast Js June 2020 - forecast Shalance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual May 2019 - actual	\$	\$199,207 275,991 324,903 427,128 515,935 585,5999 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 188,266 55,817 (17,273) Cumulative \$19,288 17,381 21,608 24,699	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502) (\$35,263)  Total Residential	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701)  General Service Non-Demand (12) 352 253	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254) (\$33,126)  Demand	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793) (132,449) (\$73,090)  Total  (\$1,907) 4,227 3,091
Balance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual May 2019 - actual June 2019 - actual July 2019 - actual July 2019 - actual July 2019 - actual July 2019 - forecast JS September 2019 - forecast JS October 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS January 2020 - forecast JS January 2020 - forecast JS March 2020 - forecast JS March 2020 - forecast JS May 2020 - forecast JS June 2020 - fore	\$	\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 58,817 (17,273) Cumulative \$19,288 17,381 21,608 24,699 28,250	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502) (\$35,263)  Total Residential  (2,803) 1,112 471 252	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701)  General Service Non-Demand (12) 352 253 306	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254) (\$33,126) Demand	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) (,316 9,942 (71,113) (155,793) (132,449) (\$73,090)  Total  (\$1,907) 4,227 3,091 3,551
Balance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual May 2019 - actual June 2019 - actual July 2019 - actual July 2019 - actual July 2019 - actual Js August 2019 - forecast Js September 2019 - forecast Js November 2019 - forecast Js November 2019 - forecast Js December 2019 - forecast Js January 2020 - forecast Js January 2020 - forecast Js April 2020 - forecast Js March 2020 - forecast Js March 2020 - forecast Js May 2020 - forecast Js Jnue 2020 - forecast Js Jnue 2020 - forecast Js June 2020 - forecast Js June 2020 - forecast Js May 2020 - forecast Js June 2020 - forecast Shalance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual May 2019 - actual	\$	\$199,207 275,991 324,903 427,128 515,935 585,5999 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 188,266 55,817 (17,273) Cumulative \$19,288 17,381 21,608 24,699	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502) (\$35,263)  Total Residential	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701)  General Service Non-Demand (12) 352 253	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254) (\$33,126)  Demand	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793) (132,449) (\$73,090)  Total  (\$1,907) 4,227 3,091
Balance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual June 2019 - forecast JS September 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS December 2019 - forecast JS Pebruary 2020 - forecast JS April 2020 - forecast JS April 2020 - forecast JS March 2020 - forecast JS March 2020 - forecast JS March 2020 - forecast JS June 2020 - forecast April 2019 - actual April 2019 - actual April 2019 - actual June 2019 - actual June 2019 - actual June 2019 - actual June 2019 - actual July 2019 - actual	\$	\$199,207 275,991 324,903 427,128 515,395 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 188,266 55,817 (17,273) Cumulative \$19,288 17,381 21,608 24,699 28,250 28,5974	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502) (\$35,263)  Total Residential  (2,803) 1,112 471 252 (3,344)	5,702 3,770 6,955 6,142 4,025 885 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701)  General Service Non-Demand (12) 352 253 306 (290)	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254) (\$33,126)  Demand  908 2,763 2,367 2,993 1,358	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793) (132,449) (\$73,090)  Total  (\$1,907) 4,227 3,091 3,551 (2,276)
Balance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual June 2019 - forecast JS September 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS December 2019 - forecast JS January 2020 - forecast JS February 2020 - forecast JS March 2020 - forecast JS March 2020 - forecast JS May 2020 - forecast JS May 2020 - forecast JS June 2019 - actual April 2019 - actual April 2019 - actual June 2019 - actual June 2019 - actual June 2019 - actual June 2019 - actual JS Aquust 2019 - forecast JS September 2019 - forecast	s	\$199,207 275,991 324,903 427,128 5115,999 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 188,266 55,817 (17,273) Cumulative \$19,288 17,381 21,608 24,699 28,250 25,974 21,282 17,121 11,484	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502) (\$35,263)  Total Residential  (2,803) 1,112 471 255 (3,344) (3,316) (2,832) (1,396)	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701)  General Service Non-Demand  (12) 352 253 306 (290) (511) (460) (387)	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) (25,105 19,834 (21,018) (53,333) (57,254) (\$33,126)  Demand  908 2,763 2,367 2,993 1,358 (865) (869)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793) (132,449) (\$73,090)  Total  (\$1,907) 4,227 3,091 3,551 (2,276) (4,692) (4,161) (2,278)
Balance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual May 2019 - actual July 2019 - actual July 2019 - actual July 2019 - actual July 2019 - forecast JS September 2019 - forecast JS November 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS January 2020 - forecast JS January 2020 - forecast JS March 2020 - forecast JS March 2020 - forecast JS March 2020 - forecast JS May 2020 - forecast JS January 2020 - forecast JS January 2020 - forecast JS June 2020 - forecast JS May 2020 - forecast JS June 2020 - forecast JS June 2020 - forecast JS June 2020 - forecast JS January 2019 - actual April 2019 - actual April 2019 - actual July 2019 - forecast JS September 2019 - forecast JS October 2019 - forecast JS October 2019 - forecast	\$	\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 188,266 55,817 (17,273) Cumulative \$19,288 17,381 21,608 24,699 28,250 25,974 21,282 17,121 14,843 12,182	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502) (\$35,263)  Total Residential  (2,803) 1,112 471 2,52 (3,344) (3,316) (2,832) (1,396) (1,206)	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701)  General Service Non-Demand  (12) 352 253 306 (290) (511) (460) (3877)	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254) (\$33,126)  Demand  908 2,763 2,367 2,993 1,358 (865) (869) (495) (517)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793) (132,449) (\$73,090)  Total  (\$1,907) 4,227 3,091 3,551 (2,276) (4,662) (4,161) (2,278) (2,090)
Balance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual June 2019 - actual June 2019 - actual June 2019 - actual July 2019 - actual July 2019 - actual July 2019 - forecast JS September 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS December 2019 - forecast JS January 2020 - forecast JS January 2020 - forecast JS April 2020 - forecast JS June 2020 - forecast Year 2019-2020  Cumulative (over) / under recovery - DERP AVOIDED COSTS Balance ending February 2019 March 2019 - actual April 2019 - actual June 2019 - actual July 2019 - forecast JS September 2019 - forecast JS October 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast	\$	\$199.207 275.991 324,903 427,128 515,5999 586.339 532.546 462.745 415.526 398.914 405.230 415,172 344,059 188.266 55,817 (17,273) **Cumulative** \$19,288 17,381 21,608 24,699 28,250 25,974 21,282 21,121 14,843 12,753 8,910	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502) (\$35,263)  Total Residential  (2,803) 1,112 4,71 2,52 (3,344) (3,316) (2,832) (1,396) (1,206) (2,767)	5,702 3,770 6,955 6,142 4,025 5855 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701)  General Service Non-Demand  (12) 352 253 306 (290) (511) (460) (387) (367)	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254) (\$333,126)  Demand  908 2,763 2,367 2,993 1,358 (8665) (869) (495) (5177) (703)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793) (132,449) \$73,090  Total  \$\$(\$1,907) 4,227 3,091 3,551 (2,276) (4,692) (4,161) (2,278) (2,090) (3,843)
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Balance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual May 2019 - actual July 2019 - actual July 2019 - actual July 2019 - actual July 2019 - forecast JS September 2019 - forecast JS November 2019 - forecast JS November 2019 - forecast JS Danuary 2020 - forecast JS January 2020 - forecast JS March 2020 - forecast JS March 2020 - forecast JS March 2020 - forecast JS May 2020 - forecast JS May 2020 - forecast JS January 2020 - forecast JS January 2020 - forecast JS May 2020 - forecast JS June 2020 - forecast JS June 2020 - forecast JS June 2020 - forecast JS Balance ending February 2019 March 2019 - actual April 2019 - actual July 2019 - forecast JS September 2019 - forecast JS September 2019 - forecast JS Docember 2019 - forecast JS Docember 2019 - forecast JS Inversion 2020 - forecast JS February 2020 - forecast	\$	\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 188,266 55,817 (17,273) 24,059 28,250 24,699 28,250 25,974 21,282 17,121 14,843 12,753 8,910 11,668 14,686	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502) (\$35,263)  Total Residential  (2,803) 1,112 471 252 (3,344) (3,316) (2,832) (1,396) (1,206) (2,767) 416 784	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701)  General Service Non-Demand  (12) 352 253 306 (290) (511) (460) (3877) (373) 92 116	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254) (\$33,126)  Demand  908 2,763 2,367 2,993 1,358 (865) (869) (495) (517) (703) 2,250 2,118	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793) (132,449) (\$73,090)  Total  (\$1,907) 4,227 3,091 3,551 (2,276) (4,692) (4,161) (2,278) (2,090) (3,843) 2,758 3,018
Balance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual June 2019 - forecast JS September 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS January 2020 - forecast JS February 2020 - forecast JS April 2020 - forecast JS March 2020 - forecast JS March 2020 - forecast JS March 2020 - forecast JS May 2020 - forecast JS June 2019 - actual April 2019 - actual April 2019 - actual Juny 2019 - actual Juny 2019 - actual Juny 2019 - actual Juny 2019 - actual JS Aquust 2019 - forecast JS September 2019 - forecast JS November 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS Danuary 2020 - forecast	s	\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 188,266 55,817 (17,273) 20,208 17,381 21,608 24,699 28,250 25,974 21,282 17,121 14,643 12,753 8,910 11,668	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502) (\$35,263)  Total Residential  (2,803) 1,112 471 252 (3,344) (3,316) (2,832) (1,396) (1,206) (2,767) 416	5,702 3,770 6,955 6,142 4,025 585 (2,586) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701)  General Service Non-Demand  (12) 352 253 306 (290) (511) (460) (387) (367) (373)	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254) (\$33,126)  Demand  908 2,763 2,367 2,993 1,358 (865) (869) (495) (517) (703) 2,250	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793) (132,449) (\$73,090)  Total  (\$1,907) 4,227 3,091 3,551 (2,276) (4,692) (4,161) (2,278) (2,090) (3,843) 2,758
Balance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual May 2019 - actual July 2019 - actual July 2019 - actual July 2019 - actual July 2019 - forecast JS September 2019 - forecast JS November 2019 - forecast JS November 2019 - forecast JS January 2020 - forecast JS January 2020 - forecast JS March 2020 - forecast JS March 2020 - forecast JS May 2020 - forecast JS May 2020 - forecast JS January 2020 - forecast JS January 2020 - forecast JS January 2020 - forecast JS March 2020 - forecast JS June 2020 - forecast JS May 2020 - forecast JS June 2020 - forecast JS January 2019 - actual April 2019 - actual April 2019 - actual July 2019 - actual July 2019 - actual July 2019 - actual JULY 2019 - forecast JS September 2019 - forecast JS September 2019 - forecast JS Docember 2019 - forecast JS Docember 2019 - forecast JS January 2020 - forecast JS February 2020 - forecast JS March 2020 - forecast JS March 2020 - forecast JS May 2020 - forecast JS May 2020 - forecast		\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 398,914 405,230 415,172 344,059 188,266 55,817 (17,273) Cumulative \$19,288 17,381 21,608 24,699 28,250 25,974 21,282 17,121 14,843 12,753 8,910 11,668 14,686 18,670 24,999 31,409	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502) (335,263)  Total Residential  (2,803) 1,112 4,711 2,712 4,711 2,712 4,711 2,713 4,711 2,713 4,711 2,713 4,711 2,713 4,711 2,713 4,711 2,713 4,711	5,702 3,770 6,955 6,142 4,025 585 (2,586) (5,289) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701)  General Service Non-Demand  (12) 352 253 306 (290) (511) (460) (3877) (373) 92 116 135 170	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254) (\$333,126)  Demand  908 2,763 2,367 2,993 1,358 (865) (869) (495) (5177) (703) 2,250 2,118 1,914	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) (6,316 9,942 (71,113) (155,793) (132,449) (\$73,090)  Total  (\$1,907) 4,227 3,091 3,551 (2,276) (4,662) (4,161) (2,278) (2,090) (3,843) 2,758 3,018 3,984 6,228 6,551
Balance ending February 2019 March 2019 - actual April 2019 - actual April 2019 - actual May 2019 - actual June 2019 - actual July 2019 - actual July 2019 - actual July 2019 - actual July 2019 - forecast JS September 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS January 2020 - forecast JS February 2020 - forecast JS March 2020 - forecast JS June 2019 - actual April 2019 - actual April 2019 - actual April 2019 - actual July 2019 - actual July 2019 - actual July 2019 - actual JS August 2019 - forecast JS September 2019 - forecast JS November 2019 - forecast JS December 2019 - forecast JS December 2019 - forecast JS Danuary 2020 - forecast JS February 2020 - forecast JS February 2020 - forecast JS February 2020 - forecast JS April 2020 - forecast JS April 2020 - forecast	\$	\$199,207 275,991 324,903 427,128 515,935 585,999 586,339 532,546 462,745 415,526 399,914 405,230 415,172 344,059 188,266 55,817 (17,273) 20,200 21,20	40,490 24,694 57,448 46,245 35,423 (3,301) (31,749) (35,480) (19,873) (12,901) (22,042) (13,629) (47,707) (91,875) (65,502) (\$35,263)  Total Residential  (2,803) 1,112 471 252 (3,344) (3,316) (2,832) (1,396) (1,206) (2,767) 416 784 1,935 3,649	5,702 3,770 6,955 6,142 4,025 585 (2,586) (3,838) 808 3,253 3,737 (2,388) (10,585) (9,693) (\$4,701)  General Service Non-Demand  (12) 352 253 306 (290) (511) (460) (387) (367) (373) 92 116 1355 170	30,592 20,448 37,822 36,420 30,616 3,056 (19,458) (29,032) (23,508) (4,519) 25,105 19,834 (21,018) (53,333) (57,254) (\$33,126)  Demand  908 2,763 2,367 2,993 1,358 (865) (869) (495) (517) (703) 2,250 2,118 1,914 2,409	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$76,784 48,912 102,225 88,807 70,064 340 (53,793) (69,801) (47,219) (16,612) 6,316 9,942 (71,113) (155,793) (132,449) (\$73,090)  Total  (\$1,907) 4,227 3,091 3,551 (2,276) (4,692) (4,161) (2,278) (2,090) (3,843) 2,758 3,018 3,984 6,228

Line No.			Residential	Commercial	Industrial	Total
Distributed	Energy Resource Program component of recovery: incremental costs					
44	Incurred S.C. DERP incremental expense	Input	\$149,066	\$59,005	\$36,670	\$244,741
45	Billed S.C. DERP incremental rates by account (\$/account)	Input	1.00	2.02	99.56	
46	Billed S.C. DERP incremental revenue	Input	\$119,011	\$52,608	\$26,365	\$197,984
47	S.C. DERP incremental (over)/under recovery [See footnote]	L44 - L46	\$30,055	\$6,397	\$10,305	\$46,757
48	Adjustment	Input				
49	Total S.C. DERP incremental (over)/under recovery [See footnote]	L47 + L48	\$30,055	\$6,397	\$10,305	\$46,757

Year	201	9-2	202	0
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Cumulative (over) / under recovery	Cumulative	Total
Balance ending February 2019	\$6,239	
March 2019 - actual	107,362	\$101,123
April 2019 - actual	(62,019)	(169,381)
May 2019 - actual	13,138	75,157
June 2019 - actual	48,966	35,828
July 2019 - actual	95,723	46,757
_/5 August 2019 - forecast	120,755	25,032
_/5 September 2019 - forecast	139,501	18,746
_/5 October 2019 - forecast	157,593	18,092
_/5 November 2019 - forecast	160,434	2,841
_/5 December 2019 - forecast	155,401	(5,033)
_/5 January 2020 - forecast	148,690	(6,711)
_/5 February 2020 - forecast	145,245	(3,445)
_/5 March 2020 - forecast	167,258	22,013
_/5 April 2020 - forecast	208,899	41,641
_/5 May 2020 - forecast	253,018	44,119
_/5 June 2020 - forecast	\$301,392	\$48,374

Detail amounts may not recalculate due to percentages presented as rounded.

Presentation of over or under collected amounts reflects a regulatory asset or liability. Over collections, or regulatory liabilities, are shown as negative amounts.

Under collections, or regulatory assets, are shown as positive amounts.

- \_/1 Total residential billed fuel non-capacity rate is a composite rate reflecting the 7/1/19 approved residential rate of 2.090 and RECD 5% discount.
  \_/2 Total residential billed fuel capacity rate is a composite rate reflecting the 7/1/19 approved residential rate of 2.090 and RECD 5% discount.
- 27 Total residential billed environmental rate is a composite rate reflecting the 7/1/19 approved residential rate of .075 and RECD 5% discount.

  \_/4 Total residential billed DERP avoided capacity rate is a composite rate reflecting the 7/1/19 approved residential rate of .003 and RECD 5% discount.

  \_/5 Forecast amounts based on low end of range of expected fuel rates.

#### Duke Energy Progress Fuel and Fuel Related Cost Report July 2019

Sche	dι	ıle	5
Page	1	of	2

Description	Weatherspoon CT	Lee CC	Sutton CC/CT	Robinson Nuclear	Asheville Steam	Asheville CT	Roxboro Steam	Mayo Steam
Cost of Fuel Purchased (\$)								
Coal	-	-	-	-	\$3,221,638	-	\$31,457,305	\$10,726,718
Oil	-	-	-	-	4,699	-	299,142	202,437
Gas - CC	-	\$15,650,495	\$11,967,240	-	-	- 00 504 070	-	-
Gas - CT	\$24	-	600,250	-	-	\$3,521,278	-	-
Biogas Total	\$24	\$15,650,495	\$12,567,490	-	\$3,226,337	\$3,521,278	\$31,756,447	\$10,929,155
Average Cost of Fuel Purchased (¢/MBTU)								
Coal	-	-	-	-	562.19	-	447.09	412.30
Oil	-	-	-	-	-	-	1,537.93	1,520.82
Gas - CC	-	340.65	398.26	-	-	-	-	-
Gas - CT	-	-	388.00	-	-	699.16	-	-
Biogas	-	- 240.05	- 207.70		-		450.40	- 447.05
Weighted Average	•	340.65	397.76	-	563.01	699.16	450.10	417.95
Cost of Fuel Burned (\$) Coal	_	_	_	_	\$2,599,329	-	\$44,074,090	\$6,439,788
Oil - CC	-	-	_	_	Ψ2,000,020	-	-	φο,400,700 -
Oil - Steam/CT	\$35,638	-	-	-	32,434	\$4,362	(509,312)	154,852
Gas - CC	-	\$15,650,495	\$11,967,240	-	-	-	-	-
Gas - CT	24	-	600,250	-	-	3,521,278	-	-
Biogas	-	-	-	-	-	-	-	-
Nuclear		-		\$3,302,079	-	-		
Total	\$35,662	\$15,650,495	\$12,567,490	\$3,302,079	\$2,631,763	\$3,525,640	\$43,564,778	\$6,594,640
Average Cost of Fuel Burned (¢/MBTU)  Coal		_			282.29	_	366.95	336.53
Oil - CC	-	-	_	-	202.23	-	-	-
Oil - Steam/CT	1,590.27	-	_	-	1,536.43	1,535.92	-	1,509.72
Gas - CC		340.65	398.26	-	-		-	· -
Gas - CT	-	-	388.00	-	-	699.16	-	-
Biogas	-	-	-	-	-	-	-	-
Nuclear	-	-	-	55.67	-	-	-	-
Weighted Average	1,591.34	340.65	397.76	55.67	285.16	699.64	362.17	342.78
Average Cost of Generation (¢/kWh) Coal		_	_	_	3.54		3.95	3.60
Oil - CC	-	-	-	-	-	-	-	-
	62.52	-	-	-	18.67	16.78	-	16.16
Gas - CC	-	2.52	2.85	-	-	-	-	-
Gas - CT	-	-	3.56	-	-	7.70	-	-
Biogas	-	-	-	-	-	-	-	-
Nuclear	-	-		0.58	-		-	
Weighted Average	62.56	2.52	2.88	0.58	3.58	7.71	3.90	3.67
Burned MBTU's Coal					920,806		12,010,947	1 012 500
Oil - CC	-		-		920,806	-	12,010,947	1,913,598
Oil - Steam/CT	2,241	_	_	_	2,111	284	17,775	10,257
Gas - CC	· -	4,594,297	3,004,864	-	-	-		-
Gas - CT	-	-	154,703	-	-	503,641	-	-
Biogas	-	-	-	-	-	-	-	-
Nuclear Total	2,241	4,594,297	3,159,567	5,931,275 5,931,275	922,917	503,925	12,028,722	1,923,855
	2,241	4,554,257	3,139,307	0,931,273	322,317	303,923	12,020,722	1,923,033
Net Generation (mWh)					70.000		1 145 000	470 744
Coal Oil - CC	-	-	-	-	73,380	-	1,115,829	178,744
Oil - Steam/CT	57		_		174	26	1,671	958
Gas - CC	-	620,833	419,267	-	-	-	-	-
Gas - CT	-	-	16,873	-	-	45,730	-	-
Biogas	-	-	-	-	-	-	-	-
Nuclear	-	-	-	567,974	-	-	-	-
Hydro (Total System)								
Solar (Total System) Total	57	620,833	436,140	567,974	73,554	45,756	1,117,500	179,702
		,	, -	**	,	,	. ,	.,
Cost of Reagents Consumed (\$)							\$255 120	\$24.422
Ammonia Limestone	-	-	-	-	- \$107,196	-	\$255,120 987,615	\$34,423 282,081
Re-emission Chemical	-	-	-	-	\$107,196	-	987,615	282,081
Sorbents	_	_	-	-	5,815	_	315,379	113,743
Urea	<u> </u>				77,149			
Total	-	-	-	-	\$190,160	-	\$1,558,114	\$430,247

Notes:

Detail amounts may not add to totals shown due to rounding.

Schedule excludes in-transit, terminal and tolling agreement activity.

Cents/MBTU and cents/kWh are not computed when costs and/or net generation is negative.

 $Cost of Fuel Burned at Roxboro \ reflects \ an \ adjustment \ to \ physical \ inventory \ which \ is \ excluded \ from \ the \ {\it c/MBTU} \ and \ {\it c/kWh} \ calculation.$ 

Lee and Wayne oil burn is associated with inventory consumption shown on Schedule 6 for Wayne.

Page 2 of 2

					Smith Energy			
	Brunswick	Blewett	Wayne County	Darlington	Complex	Harris	Current	Total 12 ME
Description	Nuclear	СТ	СТ	СТ	CC/CT	Nuclear	Month	July 2019
Cost of Fuel Purchased (\$)							<b>0.45</b> , 405,004	0077 117 010
Coal Oil	- \$31,263	-	-	-	-	-	\$45,405,661 537,541	\$377,417,819 18,448,472
Gas - CC	φ31,203			-	\$21,568,337		49,186,072	554,202,231
Gas - CT	-	-	\$71,266	\$47,793	177,342	_	4,417,953	150,735,457
Biogas	-	-	-	-	172,644	-	172,644	1,389,672
Total	\$31,263	-	\$71,266	\$47,793	\$21,745,679	-	\$99,719,871	\$1,102,193,651
Average Cost of Fuel Purchased (¢/MBTU)								
Coal	-	-	-	-	-	-	444.69	348.69
Oil	1,526.51	-	-	-	-	-	1,544.21	1,583.64
Gas - CC	-	-	-	-	309.73	-	337.75	414.13
Gas - CT Biogas	-	-	314.24	298.93	130.46 2,858.34	-	530.40 2,858.34	393.06 2,896.78
Weighted Average	1,526.51	-	314.24	298.93	308.47	-	388.81	391.37
Cost of Fuel Burned (\$)								
Coal	-	-	-	-	-	-	\$53,113,207	\$325,301,100
Oil - CC	-	-	-	-	\$320	-	320	1,863
Oil - Steam/CT	-	\$21,868	-	-		-	(260,158)	14,325,168
Gas - CC	-	-	-	-	21,568,337	-	49,186,072	554,202,231
Gas - CT	-	-	\$71,266	\$47,793 -	177,342	-	4,417,953	150,735,457
Biogas Nuclear	\$8,518,177	-			172,644	- 4,857,382	172,644 16,677,638	1,389,672 181,225,823
Total	\$8,518,177	\$21,868	\$71,266	\$47,793	\$21,918,643	\$4,857,382	\$123,307,676	\$1,227,181,314
Average Cost of Fuel Burned (¢/MBTU)								
Coal	-	-	-	-	-	-	357.78	342.47
Oil - CC	-	-	-	-	1,684.21	-	1,684.21	1,663.39
Oil - Steam/CT	-	1,683.46	-	-	-	-	1,530.08	1,497.43
Gas - CC	-	-	-	-	309.73	-	337.75	414.13
Gas - CT	-	-	314.24	298.93	130.46	-	530.40	393.06
Biogas	-	-	-	-	2,858.34	-	2,858.34	2,896.78
Nuclear	57.44 57.44	4 000 40	- 044.04		- 200 47	64.95	59.06	61.03
Weighted Average	57.44	1,683.46	314.24	298.93	308.47	64.95	210.71	217.17
Average Cost of Generation (¢/kWh)  Coal	_		_	_	_		3.88	3.83
Oil - CC	-	-	-	-	16.00	-	16.00	16.94
	-	168.22	-	-	-	-	19.19	21.15
Gas - CC	-	-	-	-	2.75	-	2.69	2.95
Gas - CT	-	-	3.44	4.43	0.13	-	2.17	4.50
Biogas	-	-	-	-	22.40	-	22.40	19.72
Nuclear	0.61	-	-	-	-	0.69	0.62	0.64
Weighted Average	0.61	168.22	3.44	5.38	2.37	0.69	2.01	2.04
Burned MBTU's								
Coal	-	-	-	-	-	-	14,845,351	94,986,188
Oil - CC	-	-	-	-	19	-	19	112
Oil - Steam/CT	-	1,299	-	-	-	-	33,967	956,652
Gas - CC Gas - CT	-	-	- 22.670	- 15.000	6,963,618	-	14,562,779	133,823,888
Biogas			22,679	15,988	135,941 6,040	-	832,952 6,040	38,349,451 47,973
Nuclear	14,829,571	-	-	-	-	7,479,017	28,239,863	296,921,592
Total	14,829,571	1,299	22,679	15,988	7,105,618	7,479,017	58,520,971	565,085,856
Net Generation (mWh)								
Coal	-	-	-	-	-	-	1,367,953	8,502,182
Oil - CC	-	-	-	-	2	-	2	11
Oil - Steam/CT	-	13	-	(190)	-	-	2,709	67,727
Gas - CC	-	-	-	-	785,403	-	1,825,503	18,795,088
Gas - CT	-	-	2,069	1,079	138,157	-	203,908	3,346,225
Biogas Nuclear	1,397,585	-	-	-	771 -	700 602	771	7,047
Hydro (Total System)	1,397,305	-	-	-	-	708,692	2,674,251 41,678	28,443,117 828,028
Solar (Total System)							27,963	236,829
Total	1,397,585	13	2,069	889	924,332	708,692	6,144,738	60,226,254
Cost of Reagents Consumed (\$)								
Ammonia	-	-	-	-	\$23,128	-	\$312,671	\$1,847,303
Limestone	-	-	-	-	-	-	1,376,892	11,102,559
Re-emission Chemical	-	-	-	-	-	-	-	63,945
Sorbents Urea	-	-	-	-	-	-	434,937 77,149	3,143,988 1,238,976
Total					¢22.120		77,149 \$2,201,649	\$17.206.970

\$23,128

\$2,201,648

\$17,396,771

Total

### Duke Energy Progress Fuel & Fuel-related Consumption and Inventory Report July 2019

Schedule 6 Page 1 of 3

Description	Weatherspoon	Lee	Sutton	Robinson	Asheville	
Coal Data:						
Beginning balance	-	-	-	-	71,050	
Tons received during period	-	-	-	-	22,643	
Inventory adjustments	-	-	-	-	31,196	
Tons burned during period	-	-	-	-	36,384	
Ending balance	-	-	-	-	88,505	
MBTUs per ton burned	-	-	-	-	25.31	
Cost of ending inventory (\$/ton)	-	-	-	-	71.44	
Oil Data:						
Beginning balance	657,484	-	2,620,038	78,040	3,095,295	
Gallons received during period	-	-	-	-	-	
Miscellaneous use and adjustments	-	-	-	-	(3,420)	
Gallons burned during period	16,007	-	-	-	17,435	
Ending balance	641,477	-	2,620,038	78,040	3,074,440	
Cost of ending inventory (\$/gal)	2.23	-	2.80	2.40	2.11	
Natural Gas Data:						
Beginning balance	-	-	-	-	-	
MCF received during period	-	4,445,724	3,057,295	-	488,470	
MCF burned during period	-	4,445,724	3,057,295	-	488,470	
Ending balance	-	-	-	-	-	
Biogas Data:						
Beginning balance	-	-	-	-	-	
MCF received during period	-	-	-	-	-	
MCF burned during period	-	-	-	-	-	
	-	-	-	-	-	
Limestone/Lime Data:						
Beginning balance	-	-	-	-	13,634	
Tons received during period	-	-	-	-	48	
Inventory adjustments	-	-	-	-	1,935	
Tons consumed during period	-	-	-	-	2,310	
Ending balance	-	-	-	-	13,307	
Cost of ending inventory (\$/ton)	-	-	-	-	45.11	

#### Notes:

Detail amounts may not add to totals shown due to rounding.

Schedule excludes in-transit, terminal and tolling agreement activity.

Gas is burned as received; therefore, inventory balances are not maintained.

Gallons of oil burned at Roxboro reflect an adjustment to physical inventory.

The oil inventory data for Wayne reflects the common usage of the oil tank used for both Wayne and Lee units.

### Duke Energy Progress Fuel & Fuel-related Consumption and Inventory Report July 2019

Schedule 6 Page 2 of 3

Description	Roxboro	Мауо	Brunswick	Blewett	Wayne County
Coal Data:					
Beginning balance	1,225,947	466,974	-	-	-
Tons received during period	280,005	102,484	-	-	-
Inventory adjustments	-	-	-	-	-
Tons burned during period	478,592	76,146	-	-	-
Ending balance	1,027,360	493,312	-	-	-
MBTUs per ton burned	25.10	25.13	-	-	-
Cost of ending inventory (\$/ton)	92.08	84.57	-	-	-
Oil Data:					
Beginning balance	28,708	259,183	160,962	785,418	11,924,861
Gallons received during period	140,947	96,456	14,844	-	-
Miscellaneous use and adjustments	(7,419)	(2,157)	-	-	-
Gallons burned during period	(255,763)	74,416	4,686	9,243	-
Ending balance	417,999	279,066	171,120	776,175	11,924,861
Cost of ending inventory (\$/gal)	2.03	2.07	2.40	2.37	2.40
Natural Gas Data:					
Beginning balance	-	-	-	-	-
MCF received during period	-	-	-	-	21,874
MCF burned during period	-	-	-	-	21,874
Ending balance	-	-	-	-	-
Biogas Data:					
Beginning balance	-	-	-	-	-
MCF received during period	-	-	-	-	-
MCF burned during period	-	-	-	-	-
	-	-	-	-	-
Limestone/Lime Data:					
Beginning balance	83,874	21,628	-	-	-
Tons received during period	19,909	6,987	-	-	-
Inventory adjustments	-	-	-	-	-
Tons consumed during period	23,913	5,815	-	-	-
Ending balance	79,870	22,800	-	-	-
Cost of ending inventory (\$/ton)	38.57	47.09	_	_	_

### Duke Energy Progress Fuel & Fuel-related Consumption and Inventory Report July 2019

Schedule 6 Page 3 of 3

Description	Darlington	Smith Energy Complex	Harris	Current Month	Total 12 ME July 2019
Bosonphon	Darmigton		Harrio		
Coal Data:					
Beginning balance	<u>-</u>	-	-	1,763,971	1,111,515
Tons received during period	-	-	-	405,132	4,295,648
Inventory adjustments	-	-	-	31,196	(22,721)
Tons burned during period	-	-	-	591,122	3,775,265
Ending balance	-	-	-	1,609,177	1,609,177
MBTUs per ton burned	-	-	-	25.11	25.16
Cost of ending inventory (\$/ton)	-	-	-	88.64	88.64
Oil Data:					
Beginning balance	10,402,992	8,174,365	287,238	38,474,584	37,371,773
Gallons received during period	-	-	-	252,247	8,441,591
Miscellaneous use and adjustments	-	-	-	(12,996)	(193,783)
Gallons burned during period	-	138	-	(133,838)	6,771,908
Ending balance	10,402,992	8,174,227	287,238	38,847,673	38,847,673
Cost of ending inventory (\$/gal)	2.39	2.33	2.40	2.38	2.38
Natural Gas Data:					
Beginning balance	-	-	-	-	-
MCF received during period	15,608	6,871,476	-	14,900,447	167,239,091
MCF burned during period	15,608	6,871,476	-	14,900,447	167,239,091
Ending balance	-	-	-	-	-
Biogas Data:					
Beginning balance	-	-	-	-	-
MCF received during period	-	5,844	-	5,844	46,639
MCF burned during period	-	5,844	-	5,844	46,639
	-	-	-	-	-
Limestone/Lime Data:					
Beginning balance	-	-	-	119,136	126,473
Tons received during period	<u>-</u>	-	-	26,944	227,707
Inventory adjustments	-	-	-	1,935	(2,054)
Tons consumed during period	-	-	-	32,038	236,149
Ending balance	-	-	-	115,977	115,977
Cost of ending inventory (\$/ton)	-	-	-	40.99	40.99

### DUKE ENERGY PROGRESS ANALYSIS OF COAL PURCHASED JULY 2019

STATION	ТҮРЕ	TVDF		DELIVERED COST PER TON
ASHEVILLE	SPOT CONTRACT	- 22,643	- \$ 1,626,636	- \$ 71.84
	FIXED TRANSPORTATION/ADJUSTMENTS	22,043	1,595,002	\$ /1.04 -
	TOTAL	22,643	3,221,638	142.28
MAYO	SPOT	38,679	2,833,402	73.25
	CONTRACT	63,805	4,307,961	67.52
	FIXED TRANSPORTATION/ADJUSTMENTS		3,585,355	-
	TOTAL	102,484	10,726,718	104.67
ROXBORO	SPOT	64,329	4,833,109	75.13
	CONTRACT	215,676	14,451,503	67.01
	FIXED TRANSPORTATION/ADJUSTMENTS		12,172,693	
	TOTAL	280,005	31,457,305	112.35
ALL PLANTS	SPOT CONTRACT	103,008 302,124	7,666,511 20,386,100	74.43 67.48
	FIXED TRANSPORTATION/ADJUSTMENTS		17,353,050	<u> </u>
	TOTAL	405,132	\$ 45,405,661	\$ 112.08

# DUKE ENERGY PROGRESS ANALYSIS OF COAL QUALITY RECEIVED JULY 2019

STATION	PERCENT MOISTURE	PERCENT ASH	HEAT VALUE	PERCENT SULFUR
ASHEVILLE	5.57	10.19	12,654	2.40
MAYO	6.59	9.15	12,693	2.35
ROXBORO	6.16	10.02	12,564	1.54

## DUKE ENERGY PROGRESS ANALYSIS OF OIL PURCHASED JULY 2019

	BRU	BRUNSWICK		МАУО		ROXBORO		
VENDOR	Hightow	vers Petroleum Co.	Greensb	ooro Tank Farm	Greensk	ooro Tank Farm		
SPOT/CONTRACT	C	Contract	Contract		Contract		(	Contract
SULFUR CONTENT %		0		0		0		
GALLONS RECEIVED		14,844		96,456		140,947		
TOTAL DELIVERED COST	\$	31,263	\$	202,437	\$	299,142		
DELIVERED COST/GALLON	\$	2.11	\$	2.10	\$	2.12		
BTU/GALLON		138,000		138,000		138,000		

Notes:

Pricing adjustment of \$4,699 for the Asheville station is excluded.

Schedule 10 Page 1 of 6

## Duke Energy Progress Power Plant Performance Data Twelve Month Summary

August, 2018 - July, 2019 Nuclear Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Brunswick 1	7,619,736	938	92.73	93.72
Brunswick 2	6,757,389	932	82.77	85.73
Harris 1	8,599,175	951	103.27	99.99
Robinson 2	5,466,817	741	84.22	80.80

### Twelve Month Summary August, 2018 through July, 2019 Combined Cycle Units

Unit Name		Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Lee Energy Complex	1A	1,405,748	225	71.32	79.49
Lee Energy Complex	1B	1,397,876	227	70.30	78.37
Lee Energy Complex	1C	1,418,366	228	71.01	77.99
Lee Energy Complex	ST1	2,819,976	379	84.94	90.64
Lee Energy Complex	Block Total	7,041,966	1,059	75.91	82.92
Richmond County CC	7	1,241,415	192	73.85	81.75
Richmond County CC	8	1,237,404	192	73.61	81.69
Richmond County CC	ST4	1,396,812	179	89.05	90.11
Richmond County CC	9	1,251,290	216	66.13	73.54
Richmond County CC	10	1,255,172	216	66.34	72.97
Richmond County CC	ST5	1,637,089	248	75.36	80.27
Richmond County CC	Block Total	8,019,182	1,243	73.65	79.68
Sutton Energy Complex	1A	1,220,105	224	62.18	75.17
Sutton Energy Complex	1B	1,194,422	224	60.87	71.42
Sutton Energy Complex	ST1	1,326,470	271	55.88	70.32
Sutton Energy Complex	Block Total	3,740,997	719	59.40	72.17

#### Notes:

 Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

# Duke Energy Progress Power Plant Performance Data Twelve Month Summary August, 2018 through July, 2019

### **Intermediate Steam Units**

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Mayo 1	1,248,604	746	19.11	66.79
Roxboro 2	1,385,457	673	23.50	77.88
Roxboro 3	1,544,685	698	25.26	59.41
Roxboro 4	2,273,347	711	36.50	72.63

#### Notes:

 Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

### Twelve Month Summary August, 2018 through July, 2019 Other Cycling Steam Units

Unit Name		Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Asheville	1	764,337	192	45.44	95.25
Asheville	2	538,149	192	32.00	93.68
Roxboro	1	794,517	380	23.87	92.96

#### Notes:

 Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

### Twelve Month Summary August, 2018 through July, 2019 Combustion Turbine Stations

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Asheville CT	239,307	370	75.31
Blewett CT	-288	68	98.07
Darlington CT	116,064	798	93.19
Richmond County CT	2,555,533	934	90.04
Sutton Fast Start CT	169,308	98	87.16
Wayne County CT	287,034	963	95.50
Weatherspoon CT	78	164	95.38

#### Notes:

 Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.

Schedule 10 Page 6 of 6

# Twelve Month Summary August, 2018 through July, 2019 Hydroelectric Stations

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Blewett	17,339	27.0	12.69
Marshall	-329	4.0	0.15
Tillery	319,377	84.0	93.23
Walters	491,641	113.0	70.65

### Notes:

 Units in commercial operation for the full month are presented. Pre-commercial or partial month commercial operations are not included.